(3)(i) There are no deterioration factors for light-duty vehicles tested in accordance with subpart O of this part. Accordingly, for the CST the term "final deteriorated test results" means the final test results derived in paragraph (b) of this section for each test vehicle.

(ii) There are no deterioration factors for light-duty trucks tested in accordance with §86.146–96 or for heavy-duty vehicles tested in accordance with §86.1246–96. Accordingly, for the Fuel Dispensing Spitback Test the term "final deteriorated test results" means the final test results derived in paragraph (b) of this section for each test vehicle.

(4) The final deteriorated test results are rounded to the same number of significant figures contained in the applicable standard in accordance with ASTM E 29–90, Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications. This procedure has been incorporated by reference (see §86.1).

(d) [Reserved]. For guidance see §86.1009–84.

[58 FR 58425, Nov. 1, 1993]

§ 86.1009–97 Calculation and reporting of test results.

Section 86.1009–97 includes text that specifies requirements that differ from those specified in §§86.1009–84 and 86.1009–96. Where a paragraph in §86.1009–84 or §86.1009–96 is identical and applicable to §86.1009–97, this may be indicated by specifying the corresponding paragraph and the statement "[Reserved]. For guidance see §86.1009–84." or "[Reserved]. For guidance see §86.1009–96.".

(a) and (b) [Reserved]. For guidance see §86.1009–96.

(c) *Final deteriorated test results.* (1) The final deteriorated test results for each heavy-duty engine or light-duty truck tested according to subpart B, C, D, I, N, P, or R of this part are calculated by first multiplying or adding, as appropriate, the final test results by or to the appropriate deterioration factor derived from the certification process for the engine family control system combination and model year to which the selected configuration belongs, and then by multiplying by the appropriate reactivity adjustment factor, if applicable. If the multiplicative deterioration factor as computed during the certification process is less than one, that deterioration factor will be one. If the additive deterioration factor as computed during the certification process is less than zero, that deterioration factor will be zero.

(c)(2) [Reserved]

(c)(3) through (c)(4) [Reserved]. For guidance see §86.1009–96.

(d) [Reserved]. For guidance see §86.1009–84.

[62 FR 31239, June 6, 1997]

§ 86.1009–2001 Calculation and reporting of test results.

(a) Initial test results are calculated following the Federal Test Procedure specified in §86.1008–2001(a). Rounding is done in accordance with ASTM E 29–67 (reapproved 1980) (as referenced in §86.094–28 (a)(4)(i)(B)(*2*)(*ii*) to the number of decimal places contained in the applicable emission standard expressed to one additional significant figure.

(b) Final test results are calculated by summing the initial test results derived in paragraph (a) of this section for each test vehicle or engine, dividing by the number of times that specific test has been conducted on the vehicle or engine, and rounding to the same number of decimal places contained in the applicable standard expressed to one additional significant figure. Rounding is done in accordance with ASTM E 29–67 (reapproved 1980) (as referenced in §86.094–28(a)(4)(i)(B)(*2*)(*ii*)).

(c) *Final deteriorated test results.* (1) The final deteriorated test results for each light-duty truck, heavy-duty engine, or heavy-duty vehicle tested according to subpart B, C, D, I, M, N, P, or R of this part are calculated by first multiplying or adding, as appropriate, the final test results by or to the appropriate deterioration factor derived from the certification process for the engine or evaporative/refueling family and model year to which the selected configuration belongs, and then by multiplying by the appropriate reactivity adjustment factor, if applicable. For the purpose of this paragraph (c), if a multiplicative deterioration factor as computed during the certification